

Plastic & Reconstructive surgery

1. Staffs and Students (April, 2010)

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|--------------------------------------|---------------------|----------------|
| Professor | Mutsumi Okazaki | |
| Junior Associate Professor | Hiroki Mori | |
| Assistant Professor (Hospital Staff) | Yoshichika Yasunaga | |
| Graduate Student: | Rodotheou Petros, | Aini Hailati, |
| | Tomoyuki Yano, | Noriko Uemura, |
| | Kentaro Tanaka, | Yuhki Wakimura |

2. Purpose of Education

Plastic surgery is a specialized branch of surgery concerned with the repair of deformities and the correction of functional deficits. The specialty of plastic surgery covers a wide range of procedures, and unlike other medical specialties which concentrate on one particular area of the body, plastic surgeons are involved in the reconstruction and remolding of nearly all external body structures.

3. Research Subjects

Basic research

1. Various vascularized tissue transfer
2. Development of wound dressing using Chitosan
3. Development of artificial nerve

Clinical research

1. Cleft lip and palate
2. Microtia
3. Sensory recovery of transfer tissue
4. Breast reconstruction
5. Skin cancer
6. Esophagus reconstruction

4. Clinical Services

We cover the whole field of plastic surgery. In particular, we deal with the following field; congenital anomaly (cleft lip and palate, microtia blepharoptosis or polydactyly etc), LASERs, cutaneous malignant tumor, skin ulcer, breast reconstruction, head and neck reconstruction, facial palsy, axillary osmidrosis.

5. Publications

【Original article】

1. Okazaki M, Shiokawa I, Sasaki K, Watanabe R, Harii K. Standing nail deformity of the great toes with multiple brachymetacarpia and brachyphalangia of the hand. *J Plast Surg Hand Surg.* 2010; 44: 260-264.
2. Okazaki M. Aging and Melanocytes Stimulating Cytokine Expressed by Keratinocyte and Fibroblast. pp385-391. *Textbook of Aging Skin*, Miranda A. Farage, Kenneth W. Miller and Howard I. Maibach eds. Springer Berlin Heidelberg, 2010.
3. Kamioka N, Mori H, Okazaki M. Significant reduction of hypertrophic scarring by lateral vertical incision in skin-sparing and nipple-sparing mastectomy. *Journal of Medical and Dental Science.* 57: 203-208, 2010
4. Kurita M, Okazaki M, et al. Patient satisfaction after open reduction and internal fixation of zygomatic bone fractures. *J Craniofac Surg.* 21: 45-49, 2010
5. Kurita M, Takushima A, Shiraishi T, Okazaki M, et al. Alteration of arterial blood flow after free muscle transfer and its determinants. *Ann Plast Surg.* 64: 477-481, 2010
6. Oki M, Asato H, Suzuki Y, Umekawa K, Takushima A, Okazaki M, Harii K. Salvage reconstruction of the oesophagus: a retrospective study of 15 cases. *Journal of Plastic, Reconstructive & Aesthetic Surgery.* 63: 589-597, 2010